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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

MIHARA, Toshiyuki et al

Group Art Unit: 1753

Serial No.: 10/593,644

Examiner: Not Yet Assigned

Filed: September 21, 2006

P.T.O. Confirmation No.: 4916

For: THERMOELECTRIC CONVERSION ELEMENT AND  
THERMOELECTRIC CONVERSION MODULE

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

December 14, 2006

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

No fee is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-

Serial No.: 10/593,644

1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP



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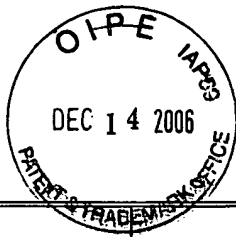
Atty. Docket No. 060718  
Suite 1000, 1725 K Street, N.W.  
Washington, D.C. 20006  
(202) 659-2930  
DWH/nk



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PATENT TRADEMARK OFFICE

Enclosures: PTO1449, 1 Reference



<b>INFORMATION DISCLOSURE CITATION PTO-1449</b>	Atty. Docket No. 060718	Serial No. 10/593,644
	Applicant(s): MIHARA, Toshiyuki et al	Confirmation No. 4916
	Filing Date: September 21, 2006	Group Art Unit: 1753

**U.S. PATENT DOCUMENTS**

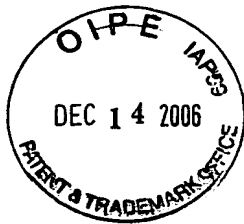
Examiner Initial	Document No.	Name	Date	Class	Sub class	Filing Date (If appropriate)
	AA					
	AB					

**FOREIGN PATENT DOCUMENTS**

Document No.	Date	Country	Translation (Yes or No)
AC			
AD			
AE			
AF			
AG			
AH			
AI			
AJ			
AK			
AR			
AS			

**OTHER DOCUMENTS**

AT	Funahashi et al; "An Oxide Single Crystal with High Thermoelectric Performance in Air;" Jpn J Appl. Phys. Vol. 39 (2000) pp L1127-29.
Examiner	Date Considered



## List of publications

	English language documents		First cited in foreign application Yes/No/--* Check after >3 months from filing/national entry
	U.S. patent : patentee/number/issue date		
	Foreign patent: country/number/publication date		
	Publication : author/place/title/page/publication date		
(a)	R. Funahashi et.al., Jpn. J. Appl. Phys. 39, L1127 (2000)		—
(b)			—
(c)			—

	Non-English language documents	English translation of Office Action  Yes/No	Concise statement  Yes/No	English translation  Yes/No Partial	English abstract  Yes/No	First cited in foreign application Yes/No/—*  Check after >3 months from filing/ national entry
	Foreign patent : country/number/publication date Publication : author/place/title/page/publicationdate					
(1)						
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(3)						
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- ☐ Please note that publications \_\_\_\_\_ were cited in the International Search Report mailed on \_\_\_\_\_ during the international phase of the instant PCT application.
- ◆ Please note that publication (a) is document cited in the specification of the above-identified application.
- ☐ Please note that publications \_\_\_\_\_ are those which the applicants are aware of.
- ☐ Please note that publications \_\_\_\_\_ were cited in the European Search Report mailed on \_\_\_\_\_ in connection with the corresponding EP application.